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LISTING OF CLAIMS:

Claim 1 (Currently Amended): A system having a server and plural computers for sharing a browser, each computer has a browser for browser pages, a PageManager controlling said pages, and a NodeManager controlling said browser for making a communicating between said PageManager said server, wherein:

said server includes:

means to transmit the NodeManager to each of the plurality of computers;

means to embed the PageManager into each of said pages; and

means to send the pages, with the PageManager embedded therein, to the plurality of computers; and wherein

said PageManager comprises:

means for detecting changes in the page in which the PageManager is embedded, and sending said changes to the NodeManager on the computer on which the page is located, the NodeManager sending said changes to said server; and

means for receiving changes in a page of another computer from said NodeManager on the computer on which the PageManager is located, and reflecting said changes to the page in which the PageManager is embedded; and

wherein said PageManager analyzes from hierarchical structure of a page and communicates with a corresponding PageManager based on this analysis result.

Claim 2 (Original): The system according to claim 1 wherein said server comprises: a CachinManager that accumulates pages; a CommunicationManager that controls sessions among said plural computers; and an Embedder that embeds in each page PageManager for controlling pages.

Claim 3 (Original): The system according to claim 1 wherein said PageManager has a PageController and a PageCommunicator, said PageController comprises: detecting changes in a page element, and sending said changes to said NodeManager by way of said PageCommunicator; or receiving changes in a page of another computer from said NodeManager by way of said PageCommunicator and reflecting the received changes to own page element.

Claim 4 (Original): The system according to claim 3 wherein said changes in a page element are changes in page loading, changes in a form element including text and buttons, changes in a scroll position of a page or operation of a remote pointer.

Claim 5 (Cancelled).

Claim 6 (Previously Presented): The system according to claim 1 wherein said NodeManager resides in a page independent from the page in the shared browser and which does not migrate and controls communication between PageManagers.

Claim 7 (Currently Amended): The A system according to claim 1 having a server and plural computers for sharing a browser, each computer has a browser for browser pages, a PageManager controlling said pages, and a NodeManager controlling said browser for making a communicating between said PageManager said server, wherein:

said server includes:

means to transmit the NodeManager to each of the plurality of computers;

means to embed the PageManager into each of said pages; and

means to send the pages, with the PageManager embedded therein, to the plurality of computers; wherein

said PageManager comprises:

means for detecting changes in the page in which the PageManager is embedded, and sending said changes to the NodeManager on the computer on which the page is located, the NodeManager sending said changes to said server; and

means for receiving changes in a page of another computer from said NodeManager on the computer on which the PageManager is located, and reflecting said changes to the page in which the PageManager is embedded; and

wherein said NodeManager controls page information including transition history of a page.

Claim 8 (Original): The system according to claim 1 wherein said PageManager and said NodeManager are embedded as Java applets which have an identical domain and data communication by shared memory is performed between said PageManager and said NodeManager.

Claim 9 (Currently Amended): A server for sharing a browser among plural computers, comprising:

means for receiving from a computer a signal for sharing said browser;

means for sending to the computer a NodeManager controlling said browser;

means for receiving from the computer a request for viewing a page on said browser;

means for sending to a computer, according to said request for viewing a page, a request page, means for embedding into the page a PageManager for controlling said page;

means for receiving page change information sent by said PageManager via said NodeManager;

means for sending said page change information to another computer; and

means for sending page change information to the PageManager via said

NodeManager; and

wherein said PageManager analyzes from hierarchical structure of a page and communicates with a corresponding PageManager based on this analysis result.

Claim 10 (Currently Amended): A method for sharing a browser among plural computers, comprising the steps of:

on activating said browser of a computer, loading a NodeManager on the computer from a server;

establishing communication between said server and said NodeManager;

said NodeManager assigning shared memory;

on page viewing on said browser, the server embedding on a requested page on said server a PageManager for controlling the page;

the server sending the requested page, with the PageManager embedded therein, to said browser for viewing;

establishing communication between said NodeManager and said PageManager via said shared memory; and

sending changes in a page on page viewing to said NodeManager via the PageManager and said shared memory, or receiving changes in a page of another computer from said NodeManager via the PageManager and said shared memory and reflecting said changes to a next page; and

having a server and plural computers for sharing a browser, each computer has a browser for browser pages, a PageManager controlling said pages, and a NodeManager controlling said browser for making a communicating between said PageManager said server, wherein:

said server includes:

means to transmit the NodeManager to each of the plurality of computers;

means to embed the PageManager into each of said pages; and

means to send the pages, with the PageManager embedded therein, to the plurality of computers; wherein

said PageManager comprises:

means for detecting changes in the page in which the PageManager is embedded, and sending said changes to the NodeManager on the computer on which the page is located, the NodeManager sending said changes to said server; and

means for receiving changes in a page of another computer from said NodeManager on the computer on which the PageManager is located, and reflecting said changes to the page in which the PageManager is embedded.

Claim 11 (Currently Amended): A medium having a program for sharing a browser among plural computers, said program having said computers implement the functions of:

establishing communication with a server;

assigning shared memory;

receiving a NodeManager from the server;

on page viewing on said browser, issuing a page request to said server;

the server embedding into the requested page a PageManager for controlling said page;

receiving from said server the requested page having embedded therein said PageManager; and

sending to said server changes in a page received from said PageManager via the NodeManager and said shared memory, or receiving changes in a page of another computer from said server and sending said changes to said PageManager via the NodeManager and said shared memory; and

wherein said PageManager analyzes from hierarchical structure of a page and communicates with a corresponding PageManager based on this analysis result.

Claim 12 (Previously Presented): A system according to Claim 1, wherein the NodeManager controls communications to and from the PageManager.

Claim 13 (Previously Presented) A system according to Claim 12, wherein the NodeManager and the PageManager have identical domains.

Claim 14 (Previously Presented): A system according to Claim 13, wherein:

the page includes a plurality of elements;

the NodeManager includes a memory queue; and

the PageManager includes

- i) a PageController including scripts for controlling each of the page elements, and
- ii) a PageCommunicator that communicates with the NodeManager through the message queue.